Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 20 Aug 2022 until 23:59 on Sunday 21 Aug 2022

Forecast Issued on Friday 19 Aug 2022 at 15:08

Confidence: High for a change to more unsettled conditions. Low for shower detail.

Headline for Saturday 20 Aug 2022: A mixture of sunshine and showers.

Mountain weather hazards on Saturday 20 Aug 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Light rain showers	Light rain showers	Light rain showers	Heavy rain showers	Light rain showers (night)
Precipitation probability							
10%	10%	10%	30%	40%	40%	50%	40%

Forecast for Saturday 20 Aug 2022

Weather: Patchy low cloud may form during the early hours but this should lift soon after dawn. Some clear sunny spells are possible through the morning but cloud will slowly build with the odd shower developing, most showers will be light until late afternoon when heavier, perhaps prolonged with a small risk of thunder may affect the park. Skies may begin to slowly clear through the evening.

Chance of cloud-free hill tops above 600m: 70% at first, soon becoming 100%

Low cloud and visibility: Patchy low cloud overnight down to 300-400m giving very poor visibility with nearby landmarks obscured, this soon clearing after dawn. Moderate to poor in showers with nearby hills briefly difficult to make out. Otherwise visibility generally very good with distant hills clearly visible.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Saturday 20 Aug 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 SW	17/24 SW	19/26 SW	20/28 SW	22/31 SW	26/37 SW	22/31 SW	17/24 SW	17/24 SW
300	11/18 SW	13/22 SW	15/22 SW	16/24 SW	19/28 SW	22/34 SW	19/29 SW	12/19 SW	13/22 SW
Valley	6/16 SW	7/20 SW	9/21 SW	11/23 SW	14/28 SW	17/33 SW	14/28 SW	8/18 SW	8/19 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/7	11/7	12/9	14/10	16/10	14/10	11/8	11/8
300	13/11	12/10	13/10	15/12	18/14	18/13	17/13	14/12	13/11
Valley	13/12	12/11	13/12	16/14	18/15	19/15	17/14	14/13	14/12
Freezing Level*	2200m	2100m	2400m	2400m	2300m	2300m	2400m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

While there will be a fair amount of cloud, moderate UV levels possible in sunnier spells. Sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 19 Aug 2022	4mm	4.2mm	7.6mm

Forecast for Sunday 21 Aug 2022

Weather: Clear spells overnight but cloud soon increasing after dawn. Staying cloudy with the odd shower through the day. During the evening a band of prolonged heavy rain will cross the park from the west.

Maximum wind: Southwesterly 20-25 gust 35-40 mph from late afternoon.

Chance of cloud-free hill tops above 600m: 80% overnight but lowering to 50% during the morning. Lowering to under 5% through the evening.

Low cloud and visibility: Patchy low cloud around 400 metres developing by dawn, thickening at times through the day until from late afternoon thick layers above 200 metres are expected to affect the park.

Temperature: **Valleys:** Ps 10 BECMG Ps 18
At 600m: Ps 08 BECMG Ps 11
Freezing level: Above summits.

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